



2013 "VOLUNTEERS WORKING WITH INVASIVES" GRANTS REPORT FORM

Display Report

PROJECT BACKGROUND INFORMATION

Project Title:	Turnbull NWR Early Detection and Rapid Response Team	
Region: Use region number ONLY	1	
Station:	Turnbull NWR	
Contact Person: Name and Phone Number	Mike Rule 509-235-4723	
Project Description: (Up to 250 words)	<p>The refuge has recently purchased several tracts that need to be surveyed and mapped. Funding from this grant will allow for the purchase of biocontrol agents, chemicals and application equipment to facilitate the rapid response phase of the project and provide funds to hire either an AmeriCorps member or independent contractor through the Refuge's Friend's Group. The AmeriCorps member/contractor will assist with coordinating the Refuge EDRRP through the summer of 2014. The AmeriCorps member/contractor, Refuge Wildlife Biologist, Volunteer Coordinator and Friends of Turnbull NWR will recruit and train volunteers in the use of GPS equipment, survey software and EDRRP protocols. In addition to the refuge work, a new Cooperative Weed Management Area has been organized for the region surrounding the refuge. The Cooperative Weed Management Area is developing a mobile weed mapping application, hosting a number of workshops on weed identification and control, recruiting volunteers and conducting weed mapping training. The AmeriCorps member/Contractor's and other volunteers will also provide support for this cooperative effort.</p>	
List of Invasives Species Targeted:	Common Name	Scientific Name
	Spotted Knapweed	<i>Centaurea stoebe</i>
	Diffuse Knapweed	<i>Centaurea diffusa</i>
	Russian Knapweed	<i>Acroptilon repens</i>
	Ventanata	<i>Ventanata dubius</i>
	Yellow Starthistle	<i>Centaurea solstitialis</i>
	Medusa head wild rye	<i>Related Links Taeniatherum caput-medusae</i>
	Scotch Thistle	<i>Onopordum acanthium</i>
	Common Bugloss	<i>Anchusa officinalis</i>
	Houndstongue	<i>Cynoglossum officinale</i>
Project Status:	Completed	

Project Completion Date or Estimated Completion Date: (mm/dd/yyyy)	08/31/2014
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VOLUNTEER INFORMATION

Volunteer Affiliation: (Check all that apply)	VA_FriendsGrp VA_AmeriCorps VA_StudentConsAssoc VA_CivicOrg VA_Other
Volunteer Involvement: Describe the type of work the volunteers performed. (Up to 150 words)	Volunteers completed gps based weed mapping on 1494 acres of the refuge. AmeriCorps intern provided input on weed species identification and fact sheet for mobile weed mapping manual being developed by the Channeled Scablands CWMA.
Total Number of Volunteers:	5
Total Number of Volunteer Hours:	1000
Partnerships: List both new and existing partnerships utilized in this project. (Up to 150 words).	Friends of Turnbull NWR; Channeled Scablands Cooperative Weed Management Area ;Eastern Washington University, Student Conservation Association, Washington State Service Corps.

PROJECT RESULTS

Project Results: Give an overview of the results of the project. Include quantifiable measure of success, such as maps produced, efficacy of control measures, number of sites where invasions were detected early and responded to, number of community contacts, etc. (Up to 250 words).	4 volunteers were recruited and trained to conduct GPS based weed surveys. They inventoried and mapped 1,494 acres of the refuge. Three populations of invasive species mapped in previous years were revisited and monitored. One site received follow-up control efforts. The maps generated from this effort directed control efforts on 160 acres in 2013 and provided geographically based information for planning control efforts in 2014. Channeled Scablands CWMA, a partnership group representing 10 agencies and local landowners, sponsored a very successful workshop on the management of invasive annual grasses on rangelands. The AmeriCorps member assisted this group with reviewing
Number of Acres Treated:	160
Number of Acres Inventoried and/or Mapped:	1494
Number of Acres Restored:	0

BUDGET INFORMATION

Budget: Account for funds in broad categories such as equipment, volunteer stipends, travel, coordinator salary/contract, etc.

Total Grant Amount:	\$ \$10,000
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Breakdown of Expenditures:

Category	Total \$ Spent	% of Total Grant
Equipment / Supplies	\$2,943.00	29%
Chemical	\$1057.00	11%
Biocontrol Agents		
Travel		
Volunteer Stipends		
Volunteer Coordinator Salary/Contract	\$6,000.00	60%

Restoration Materials		
Other		
TOTAL	\$10,000.00	100%

Recommendations: (OPTIONAL) How useful was this program for meeting refuge invasive species objectives and how can it be improved?	This program has been instrumental in meeting refuge invasive species objectives. Volunteers have mapped over 80% of the refuge lands identifying several emerging weed problems including yellow starthistle and medusahead wild rye. These new invasions were received a rapid response and follow-up which has controlled and prevented their spread. Receiving these funds earlier in the year would be very helpful.
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- [Return to Main Menu](#) -